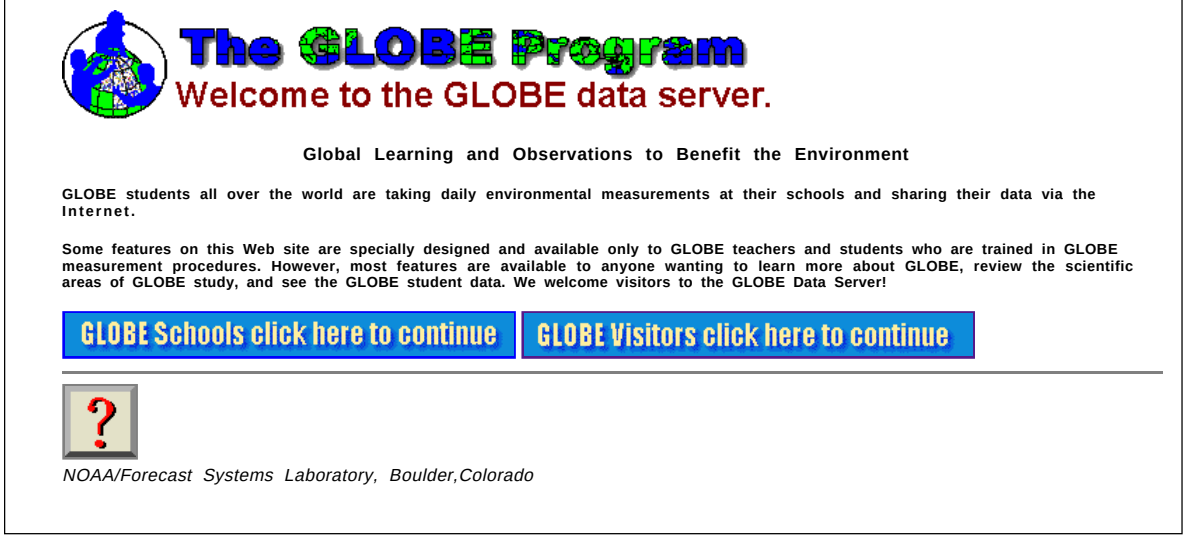
GLOBE Data Server World Wide Web Home Page



GLOBE Telecommunications

GLOBE uses computer telecommunications for students to submit their data, and to help students explore the data for their own investigations. GLOBE telecommunications use the Internet and the World Wide Web.

In brief, here is how it works:

Step 1: Connect your computer to the Internet - The Internet is a network connecting computers all over the world. From your school, you can connect your computer to the Internet through the phone lines or through some special wiring that might already be in place. You may want to have a local computer specialist help you with this step.

Step 2: Install a browser that lets you use the World Wide Web - With the World Wide Web, you can use the Internet to get information from thousands of businesses, universities, government agencies, and individuals. Each of these organizations has created one or more easy and friendly starting point called *home pages* that let you get information about the organization and its products or services (most home pages are quite visual and engaging). To use the World Wide Web and access these home pages, you need to install special software called a browser on your computer. There are many different brands of browsers, some of which are free, and all of which accomplish the same task - letting you access the World Wide Web. You might want to have a local computer specialist help you select and install the browser and get you started on the Web.

Step 3: Now you are ready to explore GLOBE on the World Wide Web - GLOBE has a Web home page (http://www.globe.gov) that is designed for the general public. This GLOBE home page is a starting point that easily leads to the forms to submit data, information about the scientists' research, and some very interesting visualizations to help your students learn and explore.

As a GLOBE school, you will generally start at another GLOBE home page. It will be a very important part of your participation in GLOBE.

Below are some samples from GLOBE's Web pages. One is a Data Entry Sheet with which you submit data. The others are a sample visualizations or showing maps based on student temperature data or reference data.

Sample GLOBE Data Entry Screen

Near Surface Star Protocol

School Name

Measurement Time:
Year: [ ] **Month:** [Select] **Day:** [ ] **Hour:** [ ] **UT**
Current Time: 1997 June 18, 20 UT

Study Site Location: [431 m south of weather station at President''s house]

Is soil saturated? ◯ Yes ◯ No

Drying Method: [Select One]
Average Drying Time Hours: [ ] **Minutes:** [ ]

Enter the data for your three samples at a depth between 0 and 5 cm:

Container Number: 1:[ ] 2:[ ] 3:[ ]
Weight of Wet Soil and Container (g): 1:[ ] 2:[ ] 3:[ ]
Weight of Dry Soil and Container (g): 1:[ ] 2:[ ] 3:[ ]
Weight of Empty Container (g): 1:[ ] 2:[ ] 3:[ ]

Soil Water Content (g/g x 100): 1:[ ] 2:[ ] 3:[ ]

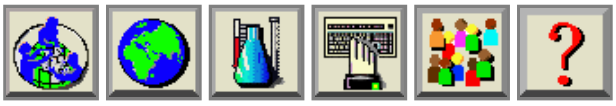
Enter the data for your three samples taken at a depth of 10 cm:

Container Number: 1:[ ] 2:[ ] 3:[ ]
Weight of Wet Soil and Container (g): 1:[ ] 2:[ ] 3:[ ]
Weight of Dry Soil and Container (g): 1:[ ] 2:[ ] 3:[ ]
Weight of Empty Container (g): 1:[ ] 2:[ ] 3:[ ]

Soil Water Content (g/g x 100): 1:[ ] 2:[ ] 3:[ ]

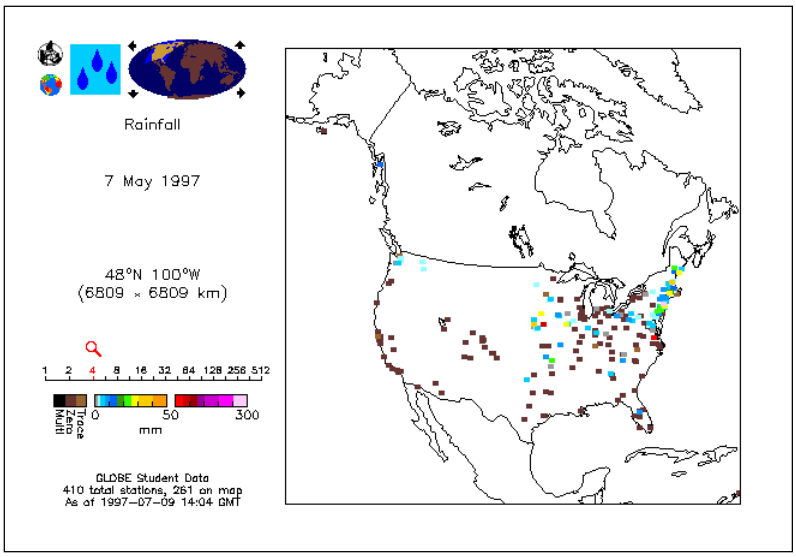
Comments:
[ ]

[Send] [Erase]

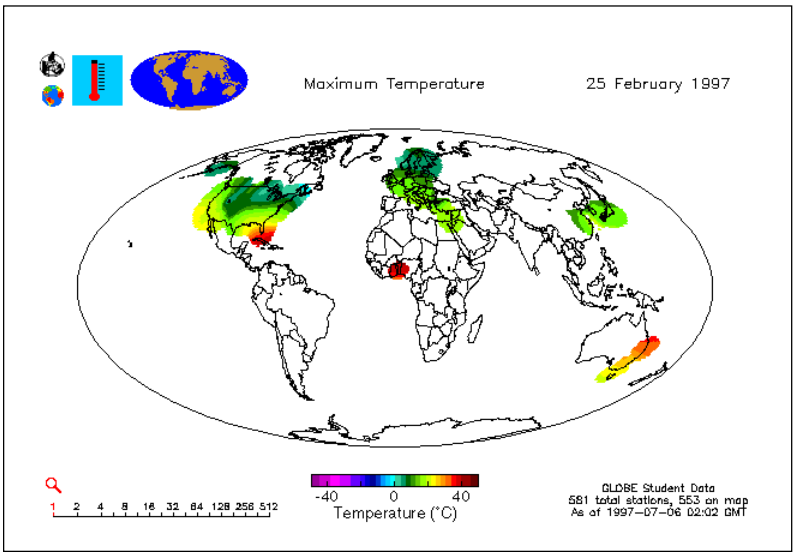


NOAA/Forecast Systems Laboratory, Boulder,Colorado

Sample Visualization of Student Data



Sample Visualization of Contours Based on Student Data



Sample Visualization of Reference Data